

9688-84

2-19-2001

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Please read instructions on reverse before completing form.

Form Approved OMB No. 2070-0060 Approval expires 11-30-93



United States Environmental Protection Agency
Office of Pesticide Programs (H7505C)
Washington, DC 20460

Application for Pesticide:

Registration
 Amendment
 Other

OPP Identifier Number

Section I

1. Company/Product Number 9688-84	2. Product Manager G. LaRocca	3. Proposed Classification
4. Company/Product (Name) Chemsico Lawn & Garden Insect Control	PM# 13	<input type="checkbox"/> None <input type="checkbox"/> Restricted
5. Name and Address of Applicant (include ZIP Code) Chemsico Division of United Industries Corp. PO Box 15842 St. Louis, Missouri 63114-0842	6 Expedited Review. In accordance with FIFRA Section 3(c)(3)(b)(i), my product is similar or identical in composition and labelling to: EPA Reg. No. _____ Product Name _____	
<input type="checkbox"/> Check if this is a new address		

Section II

Amendment - Explain below
 Resubmission in response to Agency letter dated _____
 Notification - Explain below.

Final printed label in response to Agency letter dated _____
 "ME TOO" Application.
 Other - explain below

NOTIFICATION

FEB 19 2001

Explanation: Use additional page(s) if necessary. (For section I and Section II)

Notification under PR Notice 98-10 of optional marketing claim "GreenThumb Satisfaction Guarantee" with explanatory statement.

Section III

1. Material in Which This Product Will Be Packaged:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes * <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water-Scrubable Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____		
* Certification must be submitted.	If "YES," Unit package wgt	No. per container			
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) of Retail Container		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label Is Affixed To Product <input type="checkbox"/> Lithographed <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled					

Section IV

1. Contact Point (Complete items directly below for identification of the individual to be contacted, if necessary, to process this application)		
Name Glenda L. Mah	Title Regulatory Affairs Specialist	Telephone No. (include Area Code) 800-242-1166 Ext. 3415
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate, and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamped)
2. Signature <i>Glenda Mah</i>	3. Title Regulatory Affairs Specialist	
4. Typed Name Glenda L. Mah	5. Date 2-14-01	

Chemsico

Lawn & Garden Insect Control

For use around the home only

[Protects home lawns, vegetables, fruits & nuts, roses, flowers, trees & shrubs, houseplants • Controls [Kills] ants, aphids, chinch bugs, cutworms, fire ants, fleas, beetles, grubs, mites, sod webworms and many other listed insects (others listed) • Guaranteed to kill termites (for localized control only) • Do-it-yourself pest control • Kills termites [including drywood termites] (for localized control only) • Kills termites on contact (for localized control only) • Controls [Kills] wood destroying pests including termites (for localized control only) • For use around foundations, outside buildings, porches, wood piles, wooden fences and decks [patios] • Creates an insect barrier around your home • Keeps killing for weeks • Can't be washed away [in rain] • Won't wash away [in rain] • Long lasting • Last 3 times longer than our 25% diazinon concentrate • Kills & Repels bugs in your backyard [yard] for 4 weeks! • Kills & Repels mosquitoes, flies, gnats, ants, fleas, ticks, and other annoying pests! • Lets you enjoy your backyard again! • Creates a bug barrier in [around] your yard for 4 weeks! • Keeps annoying insects away for 4 weeks • Keeps bugs out of your yard for 4 weeks! • Lasts for 4 weeks! • Up to 4 week control • Keeps Killing up to 4 weeks One quart treats 5,000 sq. ft. Water-based • Low Odor • Refill for Chemsico Home Insect Control Power Pump [Spray] • *Guaranteed Results or Your Money Back] •GreenThumb® Satisfaction Guarantee

Active Ingredient:

Permethrin2.5%
 Other Ingredients..... 97.5%

Keep Out Of Reach Of Children

CAUTION See back [panel] [booklet] for additional precautionary statements

NET CONTENTS 16 FL. OZ./473 ml

Kills troublesome outdoor insects which destroy lawns, roses, flowers, trees and shrubs, or annoy pets and people. (Refer to label directions for specific insects controlled).

Contains Permethrin, a long lasting insecticide which provides contact and residual control for up to 4 weeks of many "hard-to-kill" sucking and chewing insects. *Kills bugs fast.*

This product can also be used as a refill for Chemsico Home Insect Control C Power Pump [Spray]. See refill instructions [on back panel] [inside booklet].

OPTIONAL PRODUCT FACT BOX

PRODUCT FACTS
What It Does: Kills Ants, Aphids, Japanese Beetles, Chinch Bugs, Cutworms, Fire Ants, Fleas, Grubs, Mites, Sod Webworms and Other Listed Insects
Where To Use: (icon outdoors) (icon indoors) Outdoors on Lawns, Trees, Shrubs, Flowers and Vegetables. Indoors as a Refill for the ... (distributor name for Chemsico Home Insect Control C)
Questions & Comments: (icon telephone)(icon computer) Call 1-800-332-5553 or Visit our Website at www.spectracide.com

STOP. READ ALL INSTRUCTIONS INSIDE BEFORE USING

[Optional for Booklet Labels: STOP! READ ALL INSTRUCTIONS INSIDE BEFORE USING. PEEL HERE. PRESS TO RESEAL.]

DIRECTIONS FOR USE: It is a violation of Federal law to use this product in a manner inconsistent with its labeling. *For use around the home only.*



Keep people or pets off treated areas until the spray has dried.

Three Easy Steps to Mix and Apply:

STEP #1: For lawns and vegetables, measure the area to be sprayed. Calculate square feet by multiplying length by width. For all other applications, apply as a thorough cover spray. [graphic of measuring area].

STEP #2: Use a clean sprayer. Carefully measure and mix the amount of Chemsico Lawn & Garden Insect Control and water as directed. Food utensils such as teaspoons

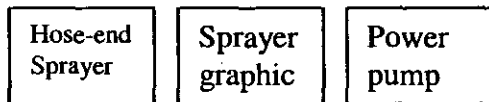
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and measuring cups should not be used for food purposes after use with pesticides. [graphic of measuring]

STEP #3: Spray as directed. Thorough coverage is important. Flush sprayer with clean water after each use. Make applications when insects first appear. Repeat applications as directed.



See directions for complete
Insect list
Use dilution rate as
indicated.
1 fl. oz = 6 tsp. = 2 tbsp
8 fl. oz. = ½ pt. = 1 cup

REFILL INSTRUCTIONS FOR CHEMSICO HOME INSECT CONTROL C POWER PUMP [SPRAY]

TO KILL PEST INDOORS such as ants, cockroaches, waterbugs, mosquitoes, silverfish, spiders, fleas, termites (including drywood termites**), brown dog ticks and lone star ticks, use this product as a refill for Chemsico Home Insect Control C in the [revolutionary] Power Pump [Spray] sprayer. The Power Pump [Spray] is ideal for home insect control applications. Follow the directions on the Power Pump [Spray] label [and below] to control [kill] insects indoors. Add 10 oz. of concentrate and [&] dilute to one gallon of water.

*****USE OF THIS TYPE OF PRODUCT TO CONTROL [KILL] TERMITES SHOULD NOT BE CONSIDERED A SUBSTITUTE FOR SOIL TREATMENT OF SUBTERRANEAN TERMITES DONE BY A PROFESSIONAL PEST CONTROL OPERATOR.**

1. CONNECT WAND HOSE TO POWER SPRAY BOTTLE. Unwrap the wand. Unscrew and discard the Black Cap on the bottle. Push the Clear Tube down through the small opening on the bottle. Tightly screw the Green Hose Connector Cap onto the bottle. Make sure the Green Button on the wand is "OFF" or "UP" before pressurizing.

2. PRESSURIZE THE POWER SPRAY. Break off the Pump handle "TAB" with your thumb. Pump 20-30 times to build up pressure. NOTE: The Power Spray bottle may bulge slightly as it is pressurized. Never pressurize by any means other than the pump included. You'll need to pump occasionally to keep the Power Spray pressurized during use.

3. SHAKE WELL.

4. THOROUGHLY SPRAY AREAS WHERE INSECTS MAY HIDE OR ENTER THE HOME. This includes cracks, crevices, openings around pipes and sinks, under refrigerators, baseboards, flooring*, storage areas, doorways, window openings and wherever insects may enter the home. Spray directly on insects where possible. Just

press the Green button on the wand to spray. If needed, the button can be locked "ON" by pushing it down and forward at the same time. The reverse motion will lock it "OFF".

NOTE: See "Use Tips" section for directions on how to treat specific insects.

*Check manufacturer's warranty, care and maintenance information before using product on your specific brand of carpeting or flooring.

USE TIPS

1. Keep ants out of your home by frequently spraying their trails and points of entry. Monthly application is usually sufficient.
2. For best results in controlling fleas, treat your home and yard frequently. Focus on areas where pets spend time, especially where they sleep. In addition, treat pets regularly with a product registered for use on animals [such as...]. **Do not use this product on pets.**
3. To reduce annoyance from mosquitoes, house flies, gnats, and flying moths, spray outside surfaces of screens, doors, window frames and around outdoor light fixtures. Apply every two weeks for best results.
4. Kill ants, crickets, earwigs, millipedes and sowbugs outside before they move in. Just spray around your home's foundation to a height of 3 feet. For best results, repeat treatment monthly.

REFILLING

The Power Spray can be refilled up to 5 times with Chemsico Lawn & Garden Insect Control. Add 10 oz. of concentrate and dilute to a gallon with water. Use "Fill to Here" mark on the side of the Power Spray bottle as a guide. Shake well to mix. Make sure the Green Pump Cap and the Green Hose Connector Cap are tightly secured before re-pressurizing. Make sure the Green Button on the wand is "OFF" or "UP" before pressurizing.

IMPORTANT:

Do not refill more than 5 times. Do not use any product other than Chemsico Lawn & Garden Insect Control in the Power Spray. Incompatible chemicals may damage the pump making it unsafe to use.

OUTDOORS

Treatment Areas	[Target] [Pests]	Remarks	Use Rate
HOME LAWNS: Bent, Bermuda, Bluegrass, Dichondra, Fescue, Irish Moss, Merion, St. Augustine	Armyworms, Brown Dog Ticks, Cutworms, Chinch Bugs, Fleas, Japanese Beetle Grubs, Mole Crickets, Sod Webworms	Thoroughly wet down grass a few hours before applying. Home lawns should be no taller than 3 inches at time of application. Slightly more water may be used as long as the amount of product per area is as listed at right. For heavy infestations, repeat application after 2 weeks.	6 fl. oz. in 10 gallons of water covers 1,000 sq. ft.
	Ants, Crickets, Grasshoppers		2 fl. oz. in 3 gallons of water covers 1,000 sq. ft.
	Fire Ants	Apply 1 gallon of solution as a gentle rain to each fire ant mound using a sprinkler can. Thoroughly wet the mound and surrounding area to a 4 foot diameter. For best results, apply in cool weather, 65° - 80° F, or in early morning or late evening hours. Treat new mounds as they appear. Do not disturb the mound prior to treatment. If possible, treat all mounds in the vicinity, and treat all colonies which may not as yet have constructed a mound. Larger quantities of solution can be prepared for multiple mound treatments. Equipment to deliver the diluted product as a gentle rain at the rate of 1 gallon per mound is still required. Do not use equipment that produces a pressurized spray as pressurized sprays may disturb fire ants and cause irritation, reducing product effectiveness.	6 fl. oz. in 1 gallon of water treats one mound

TREES & SHRUBS			
Wet leaves and branches to the dripping point. Try to penetrate dense foliage			
Treatment areas	Target	Remarks	Use Rate
Arizona Cypress, Azalea, Birch, Cherry, Non-bearing Citrus, Conifers, Elm, English Ivy, Euonymus, Weeping Fig, Fir, Honeysuckle, Lilac, Mockorange, Oak, Palm, Philodendron, Pine, Poinsettia, Tulip Poplar, Rhododendron, Taxus	Aphids, Bagworms, Cicadas, Exposed Thrips, Fall Cankerworms, Inchworms, Leafminers, Leafrollers, Mealybugs, Spider Mites, Whiteflies	Spray in the late afternoon or evening, when the temperature ranges from 50° - 75° F and when there is little or no wind. Spray at the first sign of insects. Repeat as necessary, use intervals of 4 - 8 days. Application be made up to the day of collection.	1 fl. oz. in 1 gallon of water. Apply as a thorough foliar spray
Birch	Leafminer		
Cherry, Honeysuckle	Fall webworms		
Conifer	Budworms		
Elm	Elm Leaf Beetles, Elm Spanworms, Fall Webworms		
Douglas and Grand Firs	Tussock Moths		
Non-bearing Citrus	Citrus Black Flies		
Oak	Oakworms		
Pine	Pine Beetles, Pine Moths, Pine Needle Miners, Needle Scales		
Tulip Poplar	Aphids		

ROSES & FLOWERS			
Wet the plants to the dripping point. Try to hit underside of leaves and penetrate dense foliage.			
Treatment Areas	[Target] [Pests]	Remarks	Use Rate
Ageratum, Aster, Begonia, Coleus, Common Ninebark and Snowberry, Exacum, Gladiolus, Gold Bells, Hypoestes, Ivy, Lilac, Marigold, Mockorange, Nannyberry, Orchid, Pansy, Pea Shrub, Petunia, Poinsettia, Rhododendron, Rose, Snapdragon, Zinnia	Aphids, Bagworms, Cicadas, Exposed Thrips, Fall Cankerworms, Inchworms, Leafminers, Leafrollers, Mealybugs, Spider Mites, Fall Webworms, Whiteflies	Spray in the late afternoon or evening, when the temperature ranges from 50° - 75° F and when there is little or no wind. Spray at the first sign of insects. Repeat as necessary; use intervals of 4 - 8 days. Application can be made up to the day of collection.	1 fl. oz. in 1 gallon of water. Apply as a thorough foliar spray.

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FRUITS & NUTS			
Wet the plants to the dripping point. Try to hit underside of leaves and penetrate dense foliage.			
Treatment Areas	[Target] [Pests]	Remarks	Use Rate
Almonds	Navel Orange Worms, Peach Twig Borers	Apply when insects appear. Do not make more than 2 applications during hull split and 5 applications per season. Can be applied up to 7 days prior to harvest	2 fl. oz. in 1 gallon of water.
Apples	Plum Curculio, Redbanded Leafrollers, Rosy Apple Aphids, Oblique-Banded Leafrollers, Spotted Tentiform Leafminers, Tarnished Plant Bugs, Green Fruitworms, White Apple Leafhoppers	Apply when insects appear. Repeat as required to maintain control. Do not make more than 3 applications. Do not apply after petal fall.	2 fl. oz. in 1 gallon of water.
Peaches	Lesser Peachtree Borers, Peach Twig Borers, Plum Curculio, Tarnished Plant Bugs, Green Fruitworms, Oriental Fruit Moths	Apply when insects appear. Do not apply within 7 days of harvest. Do not make more than 8 applications per season.	2 fl. oz. in 1 gallon of water.
Pears (dormant through delayed dormant)	Pear Psylla	Apply during the dormant through delayed dormant growth period only. Do not make more than 2 applications per season.	2 fl. oz. in 1 gallon of water.
Pears (summer)	Pear Psylla, Codling Moths, Green Fruitworms	Apply when needed. Do not apply more than 3 applications per season. Can be applied up to 14 days prior to harvest.	2 fl. oz. in 1 gallon of water.

VEGETABLES			
Treatment Areas	[Target] [Pests]	Remarks	Use Rate
Asparagus (pre-harvest)	Cutworms, Asparagus beetles	Apply for uniform coverage as needed. Do not apply more than 4 applications per season. Can be applied up to 3 days prior to harvest.	1.5 fl. oz. in 1 gallon of water covers 1,000 sq. ft.
Asparagus (post-harvest)	Larval stages of Asparagus Beetles, Tarnished Plant Bugs, Lygus Bugs, Adult Japanese Beetles	Treat ferns or bush growth after spear harvest when insects are present.	1.5 fl. oz. in 1 gallon of water covers 1,000 sq. ft.
Celery	Vegetable Leafminers, Cabbage Loopers, Black and Granulate Cutworms, Fall, Beet and Southern Armyworms	Apply every 3 – 5 days or as needed. Can be applied up to 3 days prior to harvest. Do not make more than 10 applications per season.	1.5 fl. oz. in 1 gallon of water covers 1,000 sq. ft.
Cole Crops: Broccoli, Brussels Sprouts, Cabbage, Cauliflower	Beet Armyworms, Diamond Back Moths, Imported Cabbage Worms, Cabbage Aphids and Loopers	Apply every 5 days or as needed. Can be applied up to 1 day prior to harvest. Do not make more than 8 applications on Cauliflower, Brussels Sprouts and Broccoli and 10 applications on Cabbage.	1 fl. oz. in 1 gallon of water covers 1,000 sq. ft.
Eggplant	Colorado Potato Beetles, Vegetable Leafminers	Apply for uniform coverage as needed. Do not exceed 16 applications. Can be applied up to 3 days prior to harvest.	3 fl. oz. in 1 gallon of water covers 1,000 sq. ft.
Horseradish (Foliar application)	Imported crucifer weevils	Apply as needed. Do not exceed 3 foliar applications. Can be applied up to 22 days prior to harvest.	3 fl. oz. in 1 gallon of water covers 1,000 sq. ft.
Head lettuce	Cabbage Loopers, Alfalfa Loopers, Beet Armyworms, Corn Earworms and Tobacco Budworms	Apply every 5 – 10 days as needed. Do not make more than 10 applications per season. Can be applied up to 1 day prior to harvest.	2 fl. oz. in 1 gallon of water covers 1,000 sq. ft.

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VEGETABLES CONTINUED			
Treatment Area	[Target] [Pest]	Remarks	Use Rates
Potatoes	Beet Armyworms, Colorado Potato Beetles, Potato Aphids, Potato Flea Beetles, Potato Leafhoppers, Aster Leafhoppers, Potato Tubeworms, Cabbage Loopers, Cutworms, European Corn Borers, Potato Psyllids, Tarnished Plant Bugs	Apply as needed. Do not apply more than 12 applications. Can be applied up to 7 days prior to harvest.	1.5 fl. oz. in 1 gallon of water covers 1,000 sq. ft.
Peppers	Vegetable Leafminers, Cabbage Loopers, Flea Beetles, Corn Earworms, Pepper Weevils, European Corn Borers	Apply as needed, but not more than 8 applications per season. Can be applied up to 3 days prior to harvest.	2 fl. oz. in 1 gallon of water covers 1,000 sq. ft.
Spinach	Beet Armyworms, Corn Earworms, Cabbage Loopers, Cutworms, European Corn Borers, Green Doverworms	Apply for uniform coverage when needed but not more than 7 applications per season. Can be applied up to 7 days prior to harvest	1.5 fl. oz. in 1 gallon of water covers 1,000 sq. ft.
Sweet Corn	Corn Earworms, European Corn borers, Fall and Southern Armyworms	Apply every 5 days and when needed, but not more than 6 applications per season. Can be applied up to 1 day prior to harvest.	1.5 fl. oz. in 1 gallon of water covers 1,000 sq. ft.
Tomatoes (Do not apply on cherry tomatoes and varieties yielding tomatoes less than one inch in diameter)	Armyworms (Beet, Southern), Cabbage Loopers, Colorado Potato Beetles, Granulate Cutworms, Hornworms, Tomato Fruitworms, Tomato pinworms	Apply as needed. Do not make more than 6 applications per season. Can be applied up to day of harvest.	1.5 fl. oz. in 1 gallon of water covers 1,000 sq. ft.

ORNAMENTAL HOUSE PLANTS			
Contact and residual spray; use sufficient spray to obtain full coverage of all foliage. Adjust spray volume used to plant size. Wet the plants thoroughly but avoid runoff or dripping.			
Treatment Areas	[Target] [Pests]	Remarks	Use Rate
INDOORS: To protect plants in home greenhouses and lathouses, and for indoor landscaping: Ageratum, Ardisia, Aster, Azalea, Baby's Breath, Begonia, Birdsnest Fern, Bleeding Heart, Camation, Chrysanthemum, Coleus, Crown of Thorns, Cockscomb, Cyclamen, Dracaena, Dumbcane, English Ivy, Fuchsia, Gladiolus, Grape Ivy, Hypoestes Ivy, Juniper, Lily, Marigold, Orchid, Palm, Pansy, Peperomia, Petunia, Portulaca, Pothos, Prayer Plant, Purple Passion, Rabbits Foot Fern, Rose, Schefflera, Snapdragon, Snake plant, Statice, Velvet Plant, Verbena, Zinnia	Aphids, Armyworms, Corn Earworms, Fall Cankerworms, Inchworms, Japanese Beetles, Leafminers, Leafrollers, Mealybugs, Scales, Spider Mites, Spring Cankerworms, Exposed Thrips, Whiteflies	Spray directly on insects. If application is to be made indoors, remove infested plants from living areas prior to application. Spray plants in an area not likely to be occupied by children or pets (particularly fish). When leaves dry, plants can be return to original location. Do not use more product than recommended, as this may cause some plant injury. Use with care on ferns, palms and fuchsia. As with all plants listed, especially camations, chrysanthemums and roses, there exists a wide variety of species and cultivars, and therefore, a wide variety of susceptibility to injury. To ascertain possible phytotoxicity, spray a few plants as described above, wait 24 hours and check for possible injury. Repeat applications may be necessary to control [citrus blackflies on non-bearing citrus]; adult Japanese beetles on roses.	1 fl. oz. in 1 gallon of water covers 1,000 sq. ft.
Chrysanthemums	Leafrollers, Armyworms, Cutworms, Cabbageworms		
Velvet Plants	Fungus gnats		

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NUISANCE PESTS IN OUTDOOR AREAS

Treatment Area	[Target] [Pests]	Remarks	Use Rates
Outside surfaces of building	Ants, Clover mites, Crickets, Earwigs, Millipedes, Sowbugs (pillbugs)	To help prevent infestation of buildings, treat the building foundation to a height of 2 to 3 feet, where pests are active and may find entrance. Also, apply as a residual spray to outside surfaces of building, including porches, screens, window frames, eaves, patios, garages, refuse dumps and other areas where these pests congregate or have been seen. Repeat treatment as needed to maintain effectiveness.	6 2/3 fl. oz. in 1 quart of water treats 400 linear feet with 6-inch spray band.
Outdoors	Ants, Lone Star Ticks, Crickets, Fleas, Earwigs, Non-poisonous Spiders	For treatment of localized infestations of these insects in outdoor areas where there are weeds or bushy non-crop areas, spray infested areas thoroughly. For ants, thoroughly wet hills and run-ways. Repeat application as reinfestations occur.	6 2/3 fl. oz. in 1 quart of water treats 400 linear feet with a 6 inch spray band.
	Houseflies, Mosquitoes, Clusterflies, Gnats, Flying Moths	For outdoor use only as an aid in reducing annoyance from these insects. Spray outside surfaces of screens, doors, window frames or wherever these insects may enter the room. Also treat surfaces around light fixtures on porches, in garages and other places where these insects alight or congregate. Repeat as necessary.	
	Tent Caterpillars	Application should be made when caterpillars are young and tents are first noticed. For best results, apply in the late afternoon or evening, when caterpillars have returned to their tents. Wet tents with spray on all sides. A few caterpillars may be seen escaping from the tent; however, they should die within several hours.	

ALTERNATE TABLE FORMAT OUTDOORS

HOME LAWNS

LAWNS	PESTS	DIRECTIONS
Bent, Bermuda, Bluegrass, Dichondra, Fescue, Irish Moss, Merion, St. Augustine	Amyworms, Brown dog ticks, Cutworms, Chinch bugs, Fleas, Japanese beetle grubs, Mole crickets, Sod webworms	Thoroughly wet down grass a few hours before applying. Home lawns should be no taller than 3 inches at the time of application. Slightly more water may be used as long as the amount of product per area is as follows. For heavy infestations, repeat application after 2 weeks.
	Ants, Crickets, Grasshoppers	For Ants, Crickets, Grasshoppers, mix 2 fl. oz. in 3 gallons of water and treat 1,000 sq. ft. For all other insects, mix 6 fl-oz. in 20 gallons of water and treat 1,000 sq. ft.
	Fire Ants	Mix 6 fl. oz. in 1 gallon of water to treat one mound. Apply 1 gallon of solution as a gentle rain to each fire ant mound using a sprinkler can. Thoroughly wet the mound and surrounding area to a 4 foot diameter. For best results, apply in cool weather, 65° - 80° F, or in early morning or late evening hours. Treat new mounds as they appear. Do not disturb the mound prior to treatment. If possible, treat all mounds in the vicinity, and treat all colonies which may not as yet have constructed a mound. Larger quantities of solution be prepared for multiple mound treatments. Equipment to deliver the diluted product as a gentle rain at the rate of 1 gallon per mound is still required. Do not use equipment that produces a pressurized spray as pressurized sprays may disturb fire ants and cause migration, reducing product effectiveness.

TREES AND SHRUBS

Mix 1 fl. oz. in 1 gallon of water. Apply as a thorough foliar spray. Wet leaves and branches to the point of dripping. Try to penetrate dense foliage

PLANTS	INSECTS	DIRECTIONS
Arizona Cypress, Azalea, Birch, Cherry, Non-bearing Citrus, Conifers, Elm, English Ivy, Euonymus, Weeping Fig, Fir, Honeysuckle, Lilac, Mock-orange, Oak, Palm, Philodendron, Pine, Poinsettia, Tulip Poplar, Rhododendron, Taxus	Aphids, Bagworms, Cicadas, Fall cankerworms, Fall webworms, Inchworms, Leafminers, Leafrollers, Mealybugs, Spider mites, Thrips (exposed), Whiteflies	Spray in the late afternoon or evening, when the temperature ranges from 50° - 75° F and when there is little or no wind. Spray at the first sign of insects. Repeat as necessary; use intervals of 4-8 days. Application can be made up to the day of collection.
Conifer	Budworms	
Elm	Elm leaf beetles, Elm spanworms, Fall webworms	
Douglas and Grand Firs	Tussock moths	
Non-bearing Citrus	Citrus black flies	
Oak	Oakworms	
Pine	Pine beetles, Pine moths, Pine needle miners, Needle scales	

ROSE & FLOWERS

Mix 1 fl. oz. in 1 gallon of water. Apply as a thorough foliar spray. Wet the plants to the point of dripping. Try to hit underside of leaves and penetrate dense foliage.

PLANTS	INSECTS	DIRECTIONS
Ageratum Aster, Azaleas, Begonia, Coleus, Common nine-bark and snowberry, Euphorbia, Gladiolus, Gold bells, Hypoestes, Ivy, Lilac, Marigold, Mock-orange, Nannyberry, Orchid, Pansy, Pea shrub, Petunia, Poinsettia, Rhododendron, Rose, Snapdragon, Zinnia	Aphids, Bagworms, Cicadas, Cankerworms (Fall), Inchworms, Leafminers, Leafrollers, Mealybugs, Spider mites, Thrips (exposed), Webworms (Fall), Whiteflies	Spray in the late afternoon or evening, when the temperature ranges from 50° - 75° F and when there is little or no wind. Spray at the first sign of insects. Repeat as necessary; use intervals of 4 - 8 days. Application can be made up to the day of collection.

FRUITS & NUTS

Mix 2 fl. oz. in 1 gallon of water. Wet the plants to the point of dripping. Try to hit underside of leaves and penetrate dense foliage.

PLANTS	INSECTS	DIRECTIONS
Almonds	Navel orange worms, Peach twig borers	Apply when insects appear. Do not make more than 2 applications during hull split and 5 applications per season. Can be applied up to 7 days prior to harvest.
Apples	Plum curculio, Aphids (Rosy apple), Green fruitworms, Leafhoppers (White apple), Leafminers (Spotted tentiform), Leafrollers (Obliquebanded, Red-banded), Tarnished plant bugs	Apply when insects appear. Repeat as required to maintain control. Do not make more than 3 applications. Do not apply after petal fall.
Peaches	Borers (Lesser peachtree, Peach twig), Green fruit worms, Oriental fruit moths, Plum curculio, Tarnished plant bugs	Apply when insects appear. Do not apply within 7 days of harvest. Do not make more than 8 applications per season.
Pears (dormant through delayed dormant)	Pear psylla	Apply during the dormant through delayed dormant growth period only. Do not make more than 2 applications per season.
Pears (summer)	Codling moths, Green fruitworms, Pear Psylla	Apply when needed. Do not apply more than 3 applications per season. Can be applied up to 14 days prior to harvest.

VEGETABLES

Mix the amount of product specified in the following table in one gallon of water to cover 1,000 sq. ft. of garden. Apply for uniform coverage as indicated.

PLANTS	INSECTS	DIRECTIONS	RATE
Asparagus (preharvest)	Asparagus beetles, cutworms	Do not apply more than 4 applications per season. Can be applied up to 3 days prior to harvest.	1.5 fl. oz.
Asparagus	Beetles (Adult Japanese, Larval stages of asparagus), Lygus bugs, Tarnished plant bugs	Treat ferns or bush growth after spear harvest when insects are present.	
Celery	Armyworms (Beet, Fall, Southern), Cabbage loopers, Cutworms (Black, Granulate), Vegetable leafminers	Apply every 3 - 5 days or as needed. Can be applied up to 3 days prior to harvest. Do not make more than 10 applications per season.	1.5 fl. oz.

VEGETABLES (continued)

PLANTS	INSECTS	DIRECTIONS	RATE
Cole Crops: Broccoli, Brussels Sprouts, Cabbage, Cauliflower	Beet armyworms, Cabbage aphids & loopers, Diamond back moths, Imported cabbageworms	Apply every 5 days or as needed. Can be applied up to 1 day prior to harvest. Do not make more than 8 applications on Cauliflower, Brussels Sprouts and Broccoli and 10 applications on Cabbage	1 fl oz.
Eggplant	Colorado potato beetles, Vegetables leafminers	Apply as needed. Do not make more than 16 applications. Can be applied up to 3 days prior to harvest.	3 fl. oz.
Horseradish (Foliar application)	Imported crucifer weeds	Apply as needed. Do not make more than 16 applications. Can be applied up to 22 days prior to harvest	3 fl. oz.
Head Lettuce	Beet armyworms, Corn earworms, Loopers (Alfalfa, Cabbage), Tobacco budworms	Apply every 5 - 10 days as needed. Do not make more than 10 applications per season. Can be applied up to 1 day prior to harvest	2 fl. oz.
Potatoes	Beet armyworms, Beetles (Colorado potato, Potato flea), Cabbage loopers, Cutworms, European corn borers, Leafhoppers (Aster, Potato), potato aphids, psyllids & tuberworms, Tarnished plant bugs	Apply as needed. Do not make more than 12 applications. Can be applied up to 7 days prior to harvest.	1.5 fl. oz.
Peppers	Cabbage loopers, Corn earworms, European corn borers, Flea beetles, Pepper weevils, Vegetable leafminers	Apply as needed. Do not make more than 8 applications per season. Can be applied up to 3 days prior to harvest.	2 fl. oz.
Spinach	Beet armyworms, cabbage loopers, Corn earworms, Cutworms, European corn borers, Green cloverworms, Leafhoppers	Apply as needed. Do not make more than 7 applications per season. Can be applied up to 7 days prior to harvest.	1.5 fl. oz.
Sweet Corn	Amyworms (Fall, Southern), Corn earworms, European corn borers	Apply every 5 days as needed, Do not make more than 6 applications per season. Can be applied up to 1 day prior to harvest.	1.5 fl. oz.

VEGETABLES(continued)

PLANTS	INSECTS	DIRECTIONS	RATE
Tomatoes (Do not apply on cherry tomatoes and varieties yielding tomatoes less than one inch in diameter)	Armyworms (Beet, Southern), Cabbage loopers, Colorado potato beetles, Granulate cutworms, Hornworms, Tomato fruitworms, Tomato pinworms	Apply as needed. Do not make more than 6 applications per season. Can be applied up to day of harvest.	1.5 fl. oz.

ORNAMENTAL HOUSEPLANTS

Contact and residual spray; mix 1 fl. oz. in 1 gallon of water. Use sufficient spray to obtain full coverage of all foliage. Adjust spray volume used to plant size. Wet the plants thoroughly but avoid runoff or dripping.

PLANTS	INSECTS	DIRECTIONS
INDOORS: To protect plants in home greenhouses and lathhouses and for indoor landscaping: Ageratum, Ardisia, Aster, Azalea, Baby's breath, Begonia, Birdsnest fern, Bleeding heart, Carnation, Chrysanthemum, Coleus, Crown of thorns, Cockscomb, Cyclamen, Dracaena, Dumb cane, English Ivy, Fuchsia, Gladiolus, Grape Ivy, Hypoestes Ivy, Juniper, Lily, Marigold, Orchid, Palm, Pansy, Peperomia, Petunia, Philodendron, Piggy-back plant, Poinsettia, Portulaca, Pothos, Prayer plant, Purple passion, Rabbits foot fern, Rose, Schefflera, Snapdragon, Snake plant, Statice, Velvet plant, Verbena, Zinnia	Aphids, Armyworms, Cankerworms (Fall, Spring), Corn earworms, Inchworms, Japanese beetles, Leafminers, Leafrollers, Mealybugs, Scales, Spider mites, Thrips (exposed), Whiteflies	Spray directly on insects. If application is to be made indoors, spray plants in an area not likely to be occupied by people or pets (particularly fish). When leaves dry, plants can be returned to original location. Do not use more product than recommended, as this may cause some plant injury. Use with care on ferns, palms and fuchsia. As with all plants, especially carnations, chrysanthemums, and roses, there exists a wide variety of species, and therefore, a wide variety of susceptibility to injury. To test for possible sensitivity, spray a few plants as described above. Wait 24 hours and check for possible injury. Repeat applications may be necessary to control [kill] [citrus black flies on non-bearing citrus]; adult Japanese beetles on roses.
Chrysanthemums	Armyworms, Cabbageworms, Cutworms, Leafrollers	
Velvet plants	Fungus gnats	

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WOOD-INFESTING INSECTS [INCLUDING TERMITES]: *For Ecetles (Furniture, Deathwatch, False powderpost, Longhorned, Powderpost), Carpenter ants (and other wood-infesting ants), Carpenter bees and Termites***, [including Drywood termites] (for localized control only):

Treat outside surfaces of buildings, porches, wooden decks and patios, wooden fences, window frames, doorways, foundations, eaves, patios, garages, garbage areas and other areas where you may find these pests.

Mix 10 fl.oz. with 1 gallon of water to treat 100 sq. ft. Spray infested surfaces until thoroughly wet, avoiding dripping and runoff. Apply evenly on wood surfaces. To treat small areas, apply by brushing or spraying the diluted spray. For large areas, use a coarse, low pressure spray. Repeat treatment as needed to maintain effectiveness. Do not spray into electrical outlets or utilities.

Spray infested areas and areas likely to be infested, such as wood surfaces, voids, and channels in damaged wood, spaces between wooden parts of a structure, and between wood and foundations where infestation is likely to occur. Also spray around fence posts, wood piles (do not use on firewood) and tree stumps.

Suitable protective clothing should be worn in confined or overhead areas to prevent exposure to eyes and skin. The use of eye protection, protective head covering, chemical resistant gloves and footwear, a long-sleeved shirt and long pants or coveralls are recommended. Do not permit contact with treated surfaces until spray has dried. Treated confined areas, such as detached garages, under porches and decks, should be ventilated during and immediately following application before the areas are re-occupied.

****USE OF THIS TYPE OF PRODUCT TO CONTROL [KILL] TERMITES SHOULD NOT BE CONSIDERED A SUBSTITUTE FOR SOIL TREATMENT OF SUBTERRANEAN [WORKER] TERMITES DONE BY A PROFESSIONAL PEST CONTROL OPERATOR.**

OPTIONAL READY SPRAY NOZZLE DIRECTIONS

Perfect before picnics & parties! • Connect & Spray • Connect & Spray the right amount every time! • Connect & Spray Your Bugs Away! • Easy-To-Use Spray Ready Nozzle

Chemsico Lawn & Garden Insect Control kills and repels insects that invade your yard and attack your lawn, as well as valuable trees, shrubs and flowers. One quart of this formula will treat a 5000 sq. ft. lawn.

PEEL HERE

PRESS TO RESEAL

STOP! Read all instructions inside before using

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. *For outdoor use on home lawns and ornamentals only.*



Keep people or pets off treated areas until the spray has dried.

1. Connect a garden hose to spray ready nozzle. (graphic)
2. Make sure the yellow water control dial on the nozzle is in the "OFF" position. (graphic)
3. Turn on water at faucet. Extend hose to the farthest area to be treated and work back towards faucet.
4. Twist the small star-shaped, white product control button to align the flat portion with the lock tab. Push the button in to open. (graphic)
5. To BEGIN spraying, point nozzle toward lawn or plants to be treated and turn the yellow water control dial to the "ON" position. Water will automatically mix with the product. (graphic)
6. Spray until wet control insects listed below.
7. To STOP spraying turn yellow water control dial to the "OFF" position. Push small star-shaped, white product control button back to "CLOSED" position and wait until water stops spraying before removing nozzle from hose.

HOME LAWNS

Chemsico Lawn & Garden Home Insect Control will control [kill] Ants, Armyworms, Crickets, Cutworms, Chinch Bugs, Fleas, Grasshoppers, Mole Crickets, Mosquitoes, Brown Dog Ticks and Sod Webworms in [on] Bentgrass, Bermudagrass, Bluegrass, Fescue, Irish moss, Merion and St. Augustine lawns.

TREES, SHRUBS AND FLOWERS

Chemsico Lawn & Garden Insect Control will control [kill] Aphids, Bagworms, Budworms, Citrus black flies, Cicadas, Elm leaf beetles, Elm Spanworms, Fall cankerworms, Inchworms, Leafminers, Leafrollers, Mealybugs, Needle scales, Oakworms, Pine beetles, Pine moths, Pine needle miners, Spider mites, Thrips (exposed), Fall webworms, Tussock moths, and Whiteflies on Ageratum, Aster, Arizona Cypress, Azalea, Begonia, Birch, Cherry, Non-bearing Citrus, Coleus, Common ninebark and snowberry, Conifers, Elm, English Ivy, Euonymus, Exacum, Weeping Fig, Fir, Gladiolus, Gold Bells, Honeysuckle, Hypoestes, Ivy, Lilac, Marigold, Mock-orange, Nannyberry, Oak, Orchid, Palm, Pansy, Pea shrub, Petunia, Philodendron, Pine, Poinsettia, Rhododendron, Rose, Snapdragon, Taxus, Tulip Poplar and Zinnia.

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USE TIPS

- ✓ Home lawns should be no taller than 3 inches at time of application
- ✓ Wet down lawns a few hours before applying
- ✓ Application to trees, flowers, and shrubs should be made when the temperature is between 50° F and 75° F.

OPTIONAL CLAIMS AND DIRECTIONS FOR REFILLING CHEMSICO HOME INSECT CONTROL C POWER PUMP [SPRAY] WITH A SINGLE USE REFILL

[Easy to mix • Just add water • Makes one gallon • Single-use refill
No measuring required • Power Pump [Spray] Sprayer] Refill]

To refill the Chemsico Home Insect Control C Power Pump [Spray]: [Mix 10 oz.] [pour in the entire contents of this 10 oz. bottle] and dilute to a gallon with water.

TO KILL PESTS INDOORS

Such as Ants, Brown Dog Ticks, Cockroaches, Fleas, Lone Star Ticks, Mosquitoes, Silverfish, Spiders, and Waterbugs, use this product as a refill for Chemsico Home Insect Control C in the Power Spray. The Power Spray is ideal for home insect control applications. Follow the Directions on the Power Spray Label [and below] to control insects indoors. Add 10 fl. Oz. of concentrate and dilute to 1 gallon with water.

1. **CONNECT WAND HOSE TO POWER SPRAY BOTTLE.** Unwrap the wand. Unscrew and discard the Black Cap on the bottle. Push the Clear Tube down through the small opening on the bottle. Tightly screw the Green Hose connector Cap onto the bottle. Make sure the Green Button on the wand is "OFF" or "UP" before pressurizing.
2. **PRESURRIZE THE POWER SPRAY.** Break off the Pump Handle "TAB" with your thumb. Pump 20-30 times to build up pressurize by any means other than the pump included. You'll need to pump occasionally to keep the Power Spray pressurized during use.
3. **SHAKE WELL.**
4. **THOROUGHLY SPRAY AREAS WHERE INSECTS MAY HIDE OR ENTER THE HOME.** This includes cracks, crevices, openings around pipes and sinks, under refrigerators, baseboards, flooring*, storage areas, doorways window openings and wherever insects may enter the home. Spray directly on insects where possible. Just press the Green button on the wand to spray. If needed, the button can

be locked "ON" by pushing it down and forward at the same time. The reverse motion will lock it "OFF".

NOTE: See "Use Tips" section for directions on how to treat specific insects.

*Check manufacturer's warranty, care and maintenance information before using product on your specific brand of carpeting or flooring.

USE TIPS

1. Keep ants out of your home by frequently spraying their trails and points of entry. Monthly application is usually sufficient.
2. For best results in controlling fleas, treat your home and yard frequently. Focus on areas where pets spend time, especially where they sleep. In addition, treat pets regularly with a product registered for use on animals [such as.....]. **Do not use this product on pets.**
3. To reduce annoyance from mosquitoes, house flies, gnats, and flying moths, spray outside surfaces of screens, doors, window frames and around outdoor light fixtures. Apply every two weeks for best results.
4. Kill ants, crickets, earwigs, millipedes and sowbugs outside before they move in. Just spray around your home's foundation to a height of 3 feet. For best results, repeat treatment monthly.

REFILLING

The Power Spray can be refilled up to 5 times with Chemsico Lawn & Garden Insect Control. Add 10 oz. of concentrate and dilute to gallon with water. Use "Fill to Here" mark on the side of the Power Spray bottle as a guide. Shake well to mix. Make sure the Green Pump Cap and the Green Hose Connector Cap are tightly secured before re-pressurizing. Make sure the Green Button on the wand is "OFF" or "UP" before processing.

IMPORTANT: Do not refill more than 5 times. Do not use any product other than Chemsico Lawn & Garden Insect Control in the Power Spray. Incompatible chemicals may damage the pump making it unsafe to use.

OPTIONAL CLAIMS AND DIRECTIONS FOR A TERMITE ONLY PRODUCT

[Guaranteed to kill termites (for localized control only) or your money back • Keeps killing for weeks! • Kills termites [including Drywood termites] (for localized control only) • Kills termites on contact (for localized control only) • For use around foundations, outside buildings, porches, wood piles, wooden fences and decks • Creates an insect barrier around your home]

[OPTIONAL MARKETING LANGUAGE]**Signs of Termites**

- ✓ "Swarming" or flying termites in the house, especially near sources of light
- ✓ Small wings or sawdust near windows, doors or in the garage
- ✓ Mud tunnels along the foundation of the house, inside or outside
- ✓ Small holes in the wood or buckling paint

Reducing the risk of Termites

[There are some steps you can take to reduce the risk of getting termites.]

- ✓ *Eliminate any sources of moisture for termites.* Check for leaky indoor pipes, outdoors water spigots, sump pumps or sprinklers. Look for any areas that stay moist for a long time, such as mulch or under bricks or large rocks and ensure that water flows away from your home. Also check for interior leaks in pipes or from roof drainage. Pay particular attention to areas near kitchens or bathrooms, and attached porches or decks.
- ✓ *Remove potential food sources that will attract termites near your home.* These include direct wood-to-soil contact (fences, stairs, trellises), wood piles, stumps or dead bushes and other wood debris. Wood should be separated from the soil by at least 18 inches.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. *For outdoor use around the home only.*



Keep people or pets off treated areas until the spray has dried.

HOW TO USE

SHAKE WELL BEFORE USING. Measure 10 fl.oz. and dilute with water to make one gallon of spray to treat 100 sq. ft. Spray infested surfaces until thoroughly wet, avoiding dripping and runoff. Apply evenly on wood surfaces. To treat small areas, apply by brushing or spraying the diluted spray. For large areas, use a coarse, low pressure spray. This product will kill workers and winged reproductive forms of termites which may be present in the treated channels at the time of treatment. Do not spray into electrical outlets or utilities. Do not permit contact with treated surfaces until spray has dried.

Treat outside surfaces of buildings, porches, wooden decks and patios, wooden fences, window frames, doorways, foundations, caves, patios, garages, garbage areas and other areas where you may find these pests.

Spray infested areas and areas likely to be infested, such as wood surfaces, voids and channels in damaged wood, spaces between wooden parts of a structure, and between wood and foundations where infestation is likely to occur. Also around fenceposts, wood piles (do not use on firewood) and tree stumps.

Suitable protective clothing should be worn in confined or overhead areas to prevent exposure to eyes and skin. The use of eye protection, protective head covering, chemicals resistant gloves and footwear, a long-sleeved shirt and long pants or coveralls are recommended. Do not permit contact with treated surfaces until spray has dried. Treated confined areas, such as detached garages, under porches and decks, should be ventilated during and immediately following applications before the areas are re-occupied.

USE OF THIS TYPE OF PRODUCT TO CONTROL [KILL] TERMITES SHOULD NOT BE CONSIDERED A SUBSTITUTE FOR SOIL TREATMENT OF SUBTERRANEAN TERMITES DONE BY A PROFESSIONAL PEST CONTROL OPERATOR.

STORAGE AND DISPOSAL AND PRECAUTIONARY STATEMENTS FOR ALL DIRECTIONS FORMATS

STORAGE AND DISPOSAL

Store in cool, dry area away from heat or open flame. Do not reuse container. Rinse thoroughly before discarding in trash.

PRECAUTIONARY STATEMENTS**Hazards to Humans and Domestic Animals**

CAUTION: May be harmful if swallowed or absorbed through skin. Avoid breathing spray mist. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling. Food utensils such as teaspoons and measuring cups should not be used for food purposes after use with pesticides.

First Aid

If Swallowed: Call a physician or Poison Control Center immediately. **If on Skin:** Wash promptly with plenty of soap and water. Wash contaminated clothing. **If In Eyes:** Rinse eyes for at least 15 minutes with plenty of water. Call a physician if irritation persists. **If Inhaled:** Remove victim to fresh air. Apply artificial respiration if indicated.

Environmental Hazards

This pesticide is extremely toxic to fish. Do not apply directly to water. Drifts and runoff from treated areas may be hazardous to aquatic organisms in treated areas. Do not contaminate water when disposing of equipment washwaters. This product is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are actively visiting the treatment area.

NOTICE: Buyer assumes all responsibility for safety and use not in accordance with directions.

[*If you are not satisfied with this product for any reason send your written request for a refund to the address below, together with the original dated store receipt showing the price you paid. Please Allow 6-8 weeks for processing]

[**Satisfaction Guaranteed:** If for any reason you are not completely satisfied with the performance or results of this GreenThumb® product, it will be repaired or replaced free of charge. Simply provide proof of purchase and return the product and/or unused portion to the place of purchase.]

Questions or comments? Call 800-332-5553

Made in the USA by
Chemsico, Division of United Industries
P. O. box 15842, St. Louis, MO 63114-0842

EPA Reg. No. 9688-84 EPA Est. No. 9688-MO-1 ©2001

[Optional Termite Guarantee Language]

Guarantee: Guaranteed to kill termites (for localized control only) which come in contact with this product. Not intended for use against subterranean termites (termites in the soil). Guarantee is limited to replacement cost of the product. If you are dissatisfied with the product, return original cash register receipt and UPC code from back of package for full refund. Allow 6-8 weeks for processing. Seller makes no warranty, express or implied, concerning the use of this product other than as indicated on label. Seller is not responsible for structural damage cost.

Recommendations: Follow directions carefully. Timing, method of application, weather conditions, mixture with other chemicals not specifically recommended and other influencing factors in the use of this product are beyond Seller's control and buyer assumes risks related thereto.